



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
|-----------------|-------------|----------------------|---------------------|------------------|

10/578,988

05/11/2006

Masaki Fujiwara

10873.1765USWO

5122

53148

7590

03/21/2011

HAMRE, SCHUMANN, MUELLER & LARSON P.C.

P.O. BOX 2902

MINNEAPOLIS, MN 55402-0902

EXAMINER

DIETERLE, JENNIFER M

ART UNIT

PAPER NUMBER

1759

MAIL DATE

DELIVERY MODE

03/21/2011

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**UNITED STATES DEPARTMENT OF COMMERCE****U.S. Patent and Trademark Office**

Address : COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

| APPLICATION NO./<br>CONTROL NO. | FILING DATE | FIRST NAMED INVENTOR /<br>PATENT IN REEXAMINATION | ATTORNEY DOCKET NO. |
|---------------------------------|-------------|---|---------------------|
| 10578988                        | 5/11/2006   | FUJIWARA ET AL.                                   | 10873.1765USWO      |

HAMRE, SCHUMANN, MUELLER & LARSON P.C.  
P.O. BOX 2902  
MINNEAPOLIS, MN 55402-0902

**EXAMINER**

Jennifer Dieterle

| ART UNIT | PAPER |
|----------|-------|
|----------|-------|

1759

20110317

DATE MAILED:

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner for Patents**

The final office action mailed 2/16/11 has been vacated. The action mailed 2/16/11 will be re-mailed as a nonfinal action immediately.

/Alexa D. Neckel/  
Supervisory Patent Examiner, Art Unit 1723